

FIG. 1A

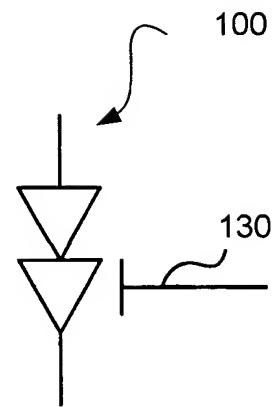


FIG. 1B

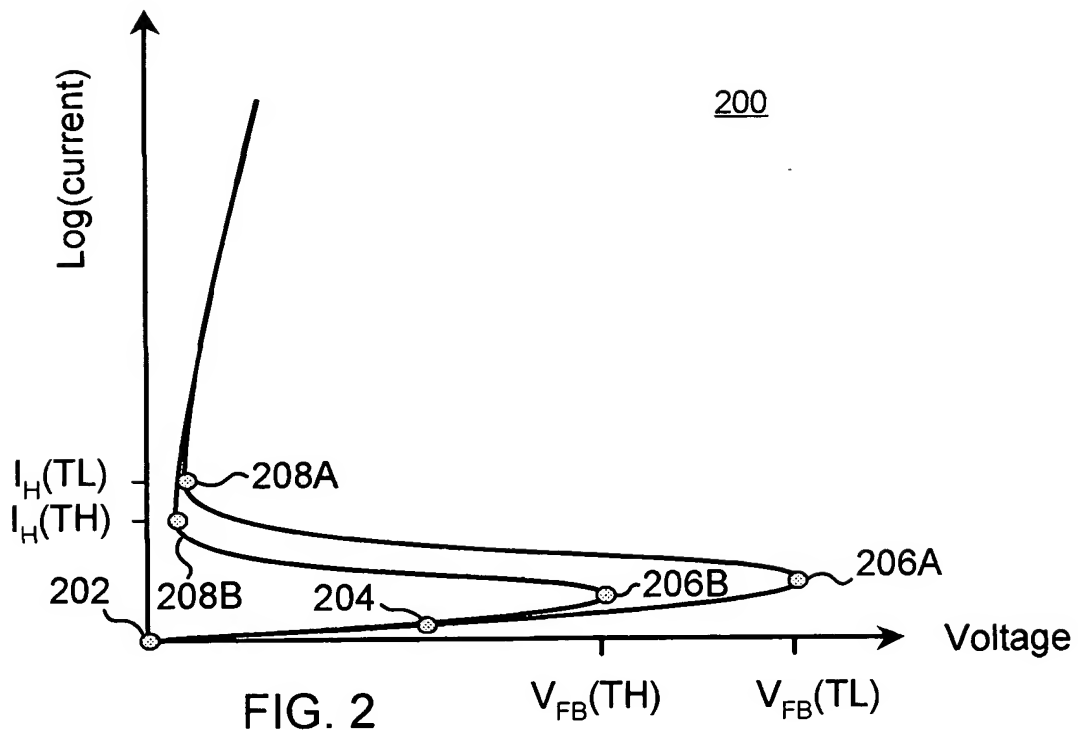


FIG. 2

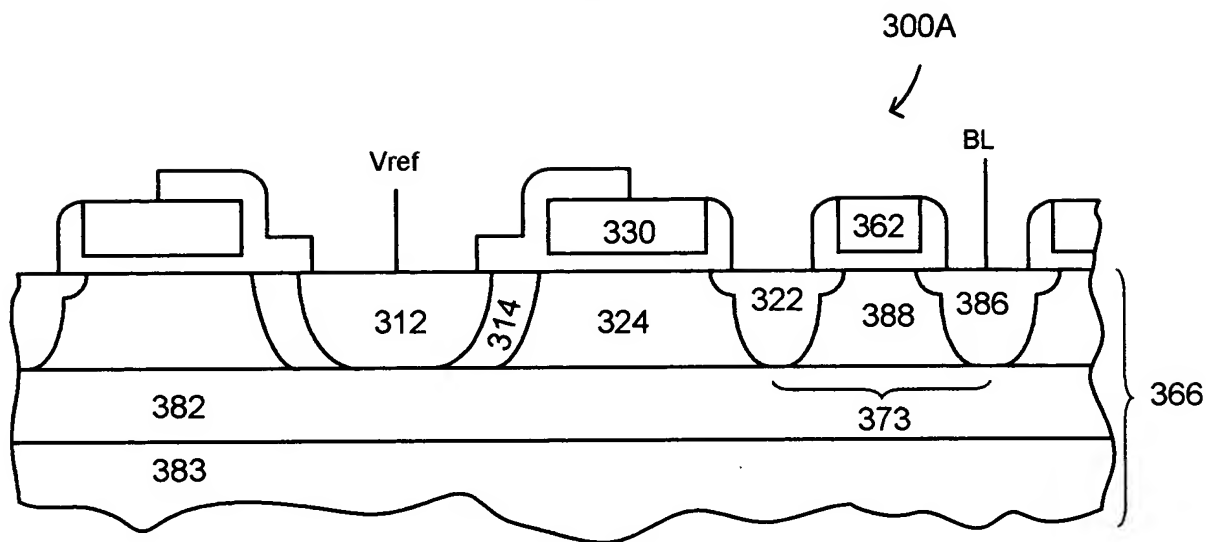


FIG. 3A

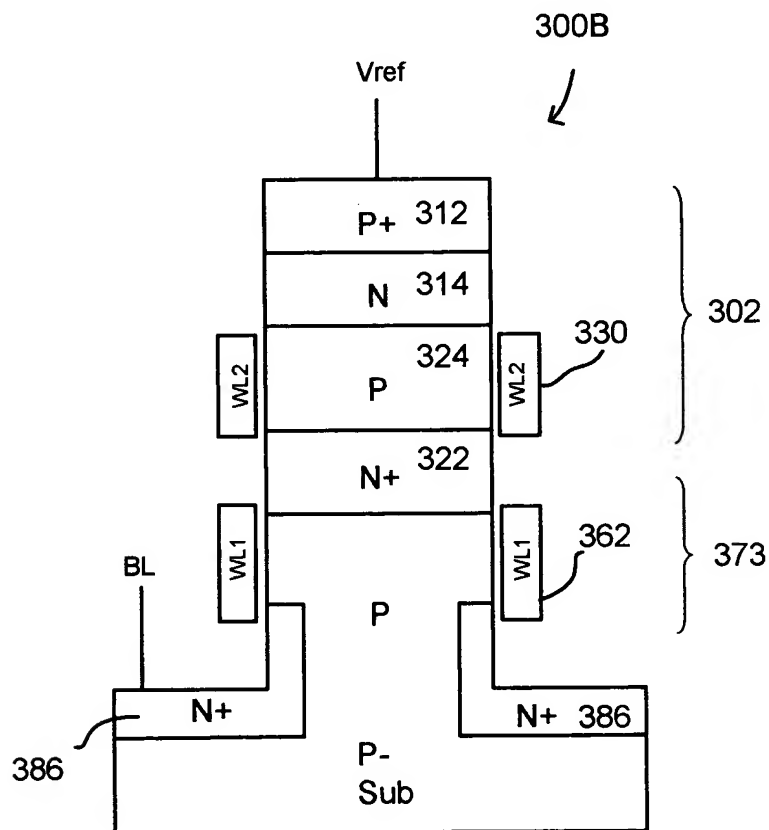


FIG. 3B

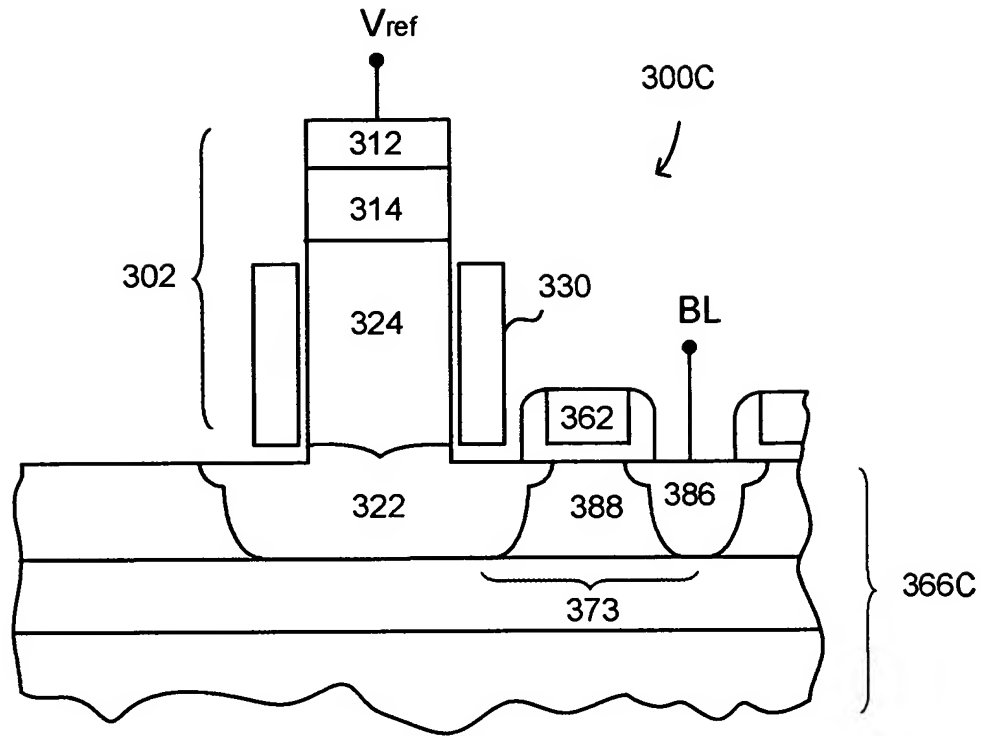


FIG. 3C

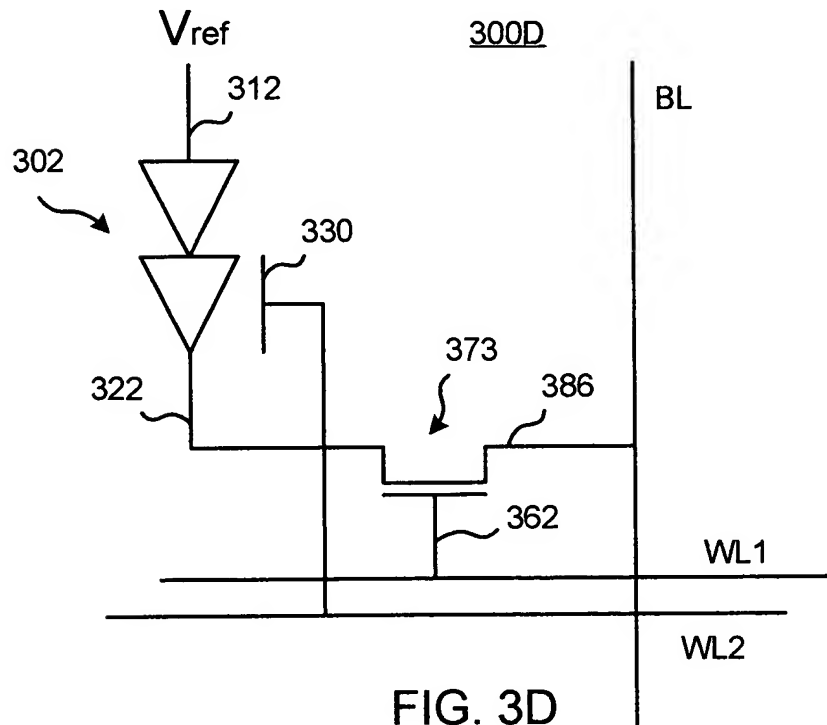


FIG. 3D

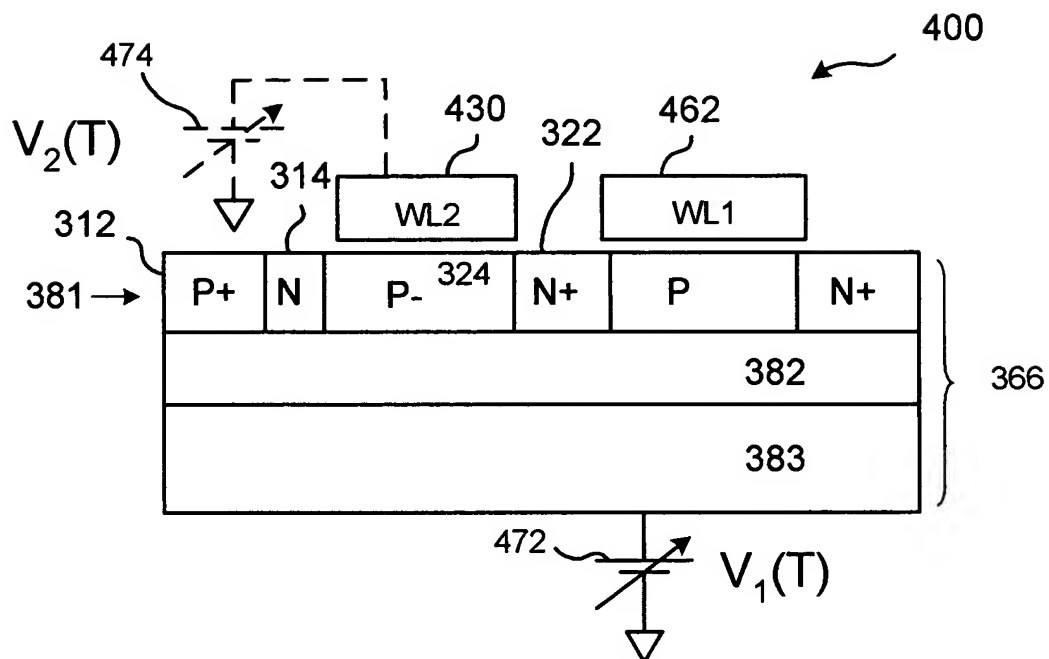


FIG. 4

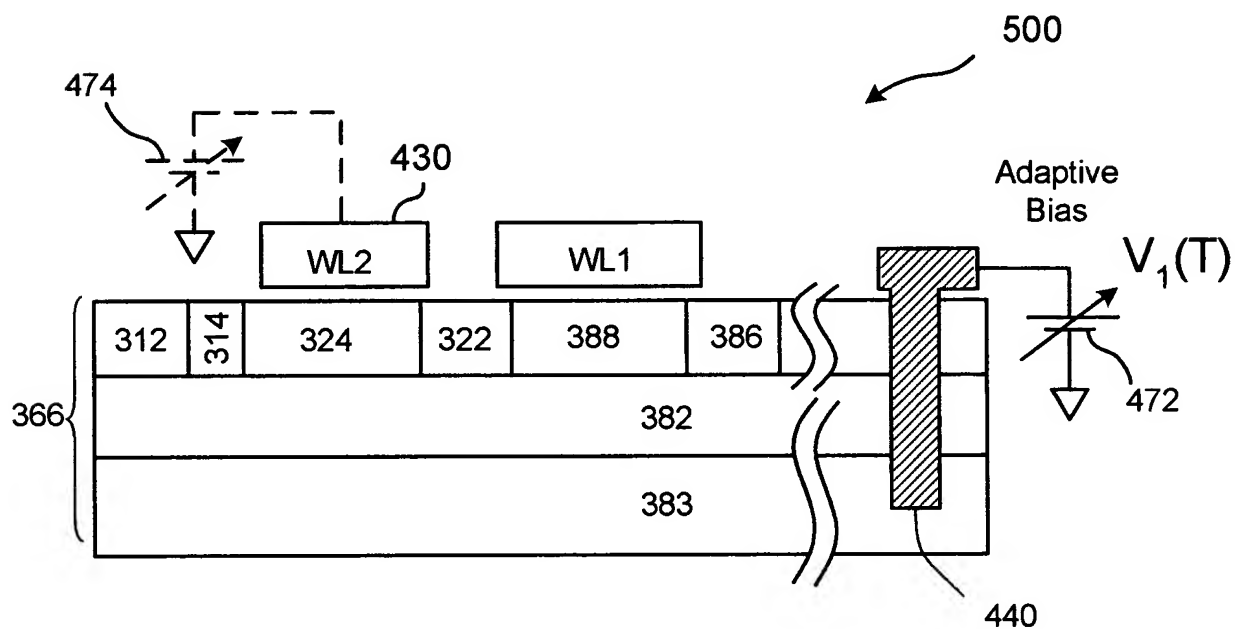


FIG. 5



FIG. 6



FIG. 7A

700

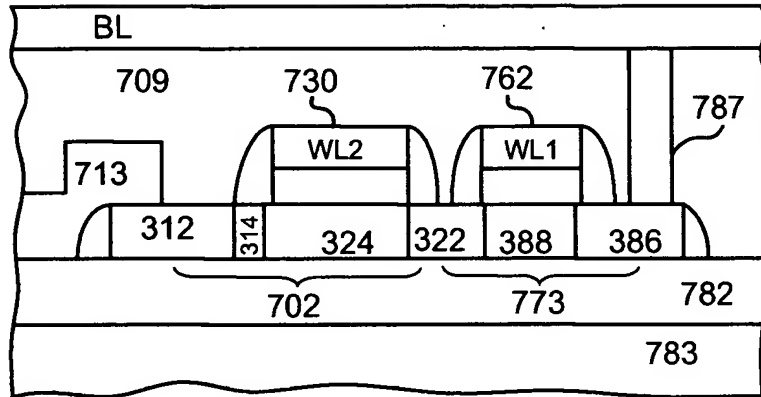


FIG. 7B

700

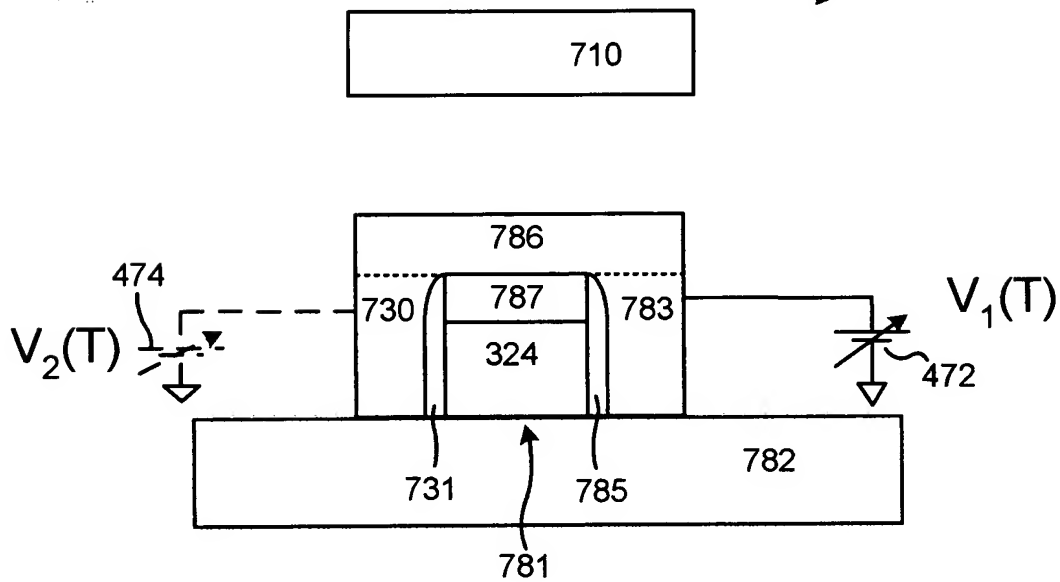


FIG. 7C

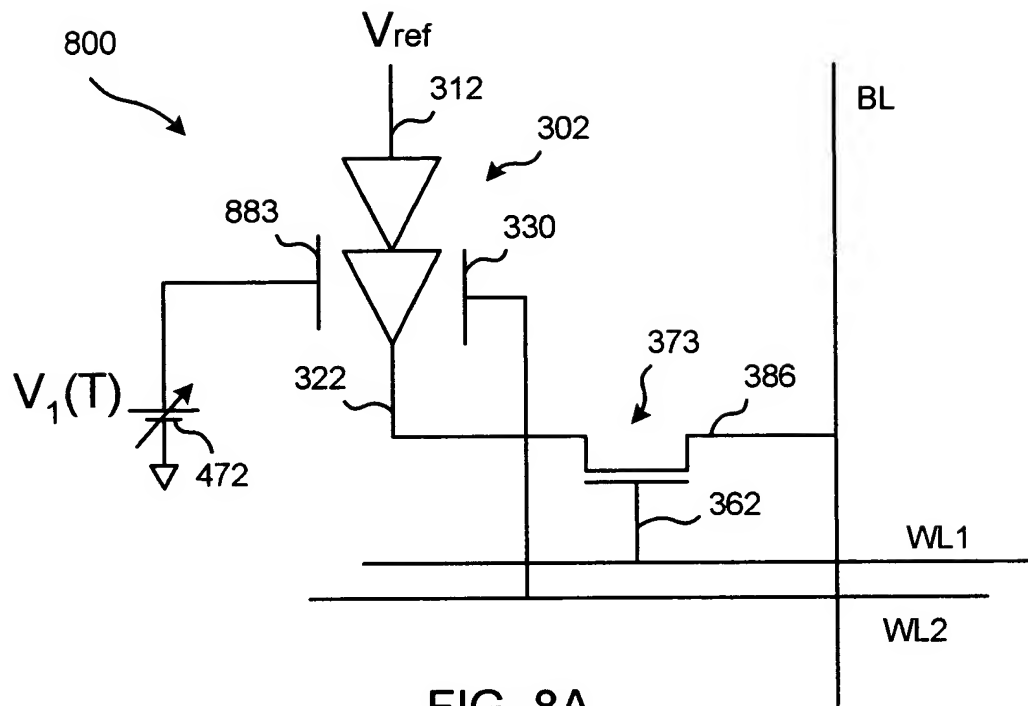


FIG. 8A

802

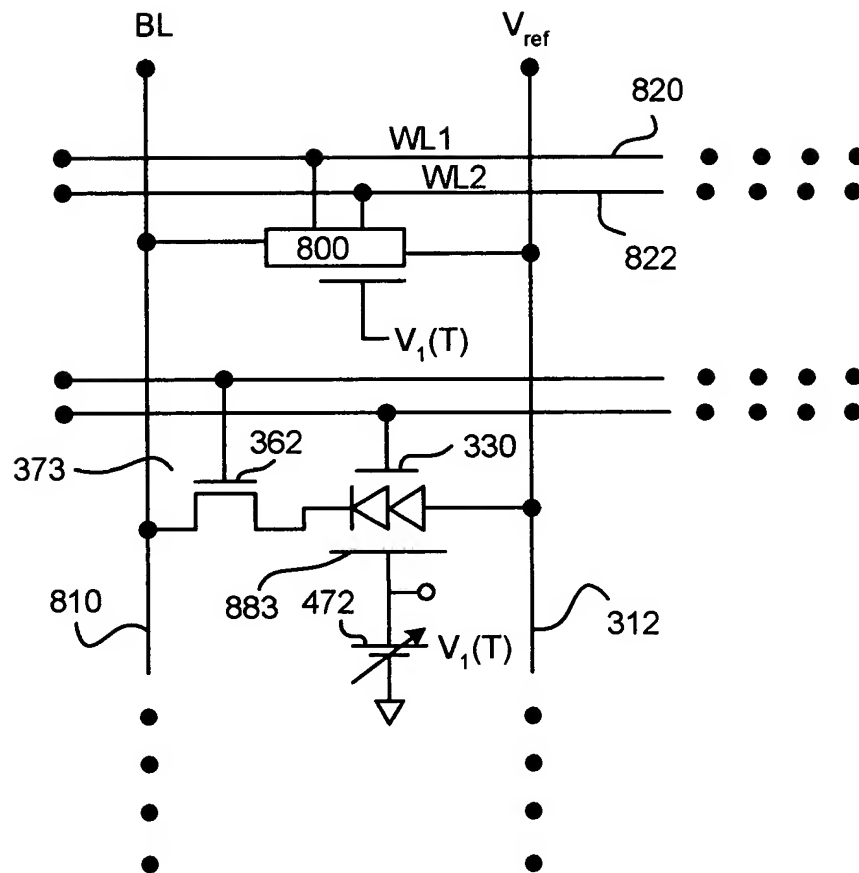


FIG. 8B

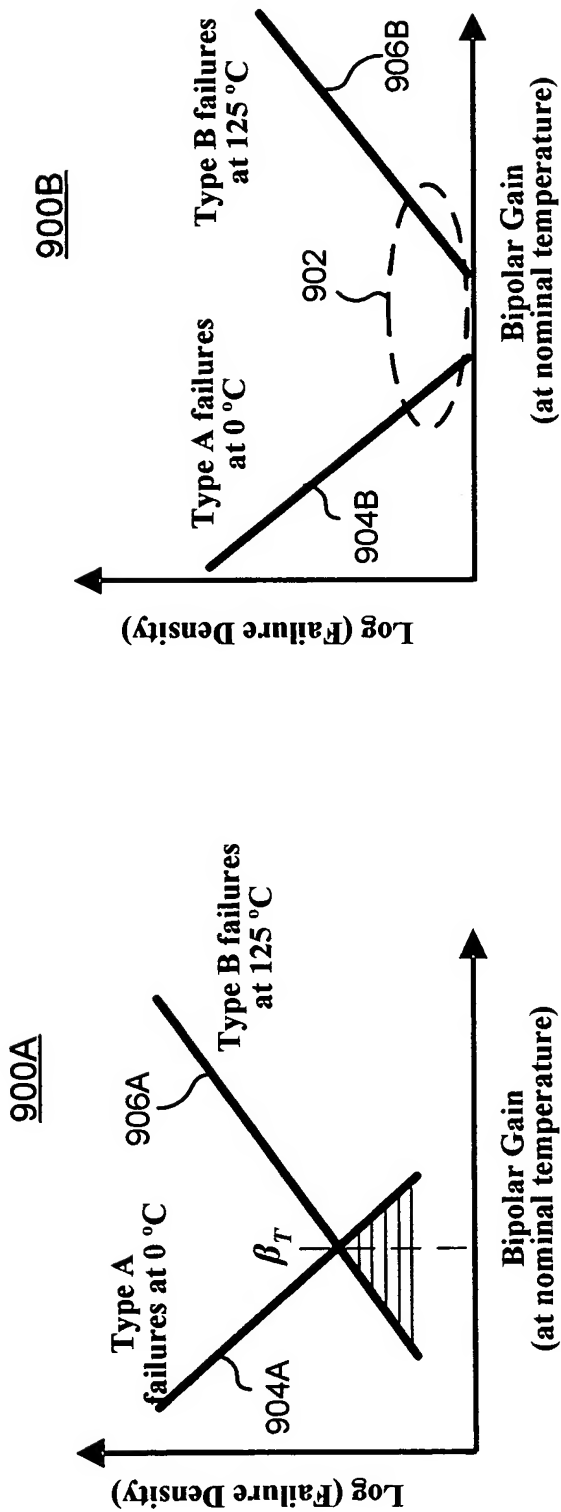


FIG. 9A
(Prior Art)

FIG. 9B

Bipolar gain decreases as temperature decreases
 +
 Bias decreases with temperature
 NPN Gain increases with bias
 =
 Adaptive bias to flatten gain

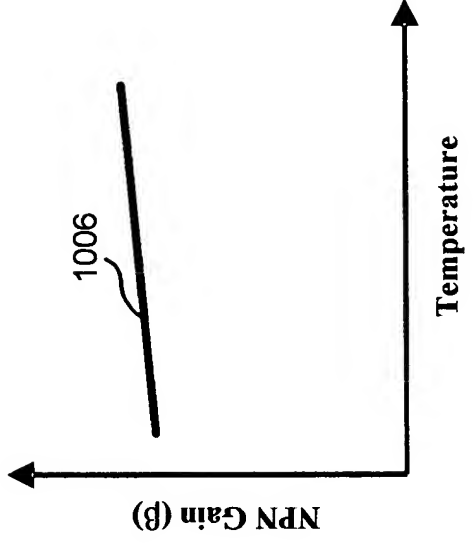
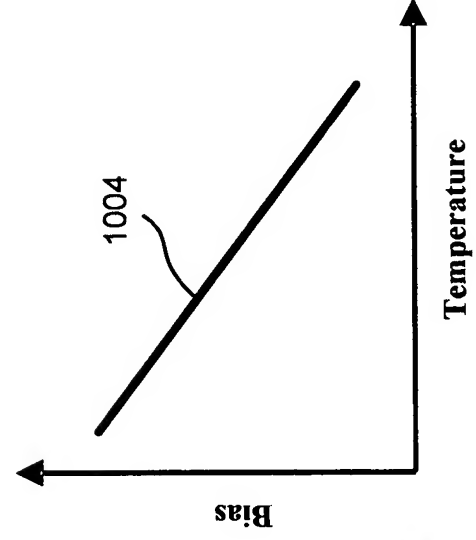
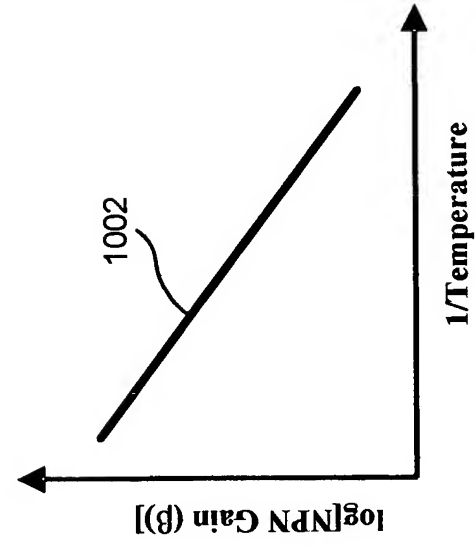


FIG. 10